

Amendments to the Claims

1. (currently amended) A method for printing images using light black ink, comprising the steps of:

a) setting a first and second threshold, wherein the first and second thresholds are determined by an intensity value of the light black ink relative to standard black ink;

b) determining a gray component density value for a pixel;

c) calculating a black generation value, wherein the black generation value is at one hundred percent if the gray component density is below the first threshold and the absolute value of black is a constant if the gray component density is above the second threshold;

d) generating values for other colors dependent upon the black generation value.

2. (original) The method of claim 1 wherein the intensity value of the light black ink is 1/3 intensity of standard ink.

3. (original) The method of claim 1 wherein the first threshold is twenty five percent.

4. (original) The method of claim 1 wherein the second threshold is thirty five percent.

5. (original) The method of claim 1 wherein the other colors comprise cyan, magenta and yellow.

6. (original) The method of claim 1 wherein the other colors comprise cyan, light cyan, magenta, light magenta and yellow.